

**Summary of 36 Completed Actions Under
The Cost Management Measures Initiative**

Activity Number and Title	Summary of Actions and Present Status
#1.1 Level of EPA Oversight on Cleanups Conducted by PRPs	<p><i>Aciton</i></p> <p>A memo was completed and sent to the Regions on January 24, 2007, using RCRA's "Results-Based Approaches and Tailored Oversight Guidance" when EPA performs PRP oversight.</p> <p><i>Status</i></p> <p>Headquarters will implement memo and no other progress to report at this time.</p>
#2.2 Review Existing Accounts & Maximize Resource Use on Funding for LTRA [Note: Four actions were completed under this single activity.]	<p><i>Actions</i></p> <p>1) De-obligation memos sent to Regions in FY05, FY06, and FY07 for unexpended regional resources.</p> <p>2) De-obligation memos sent to Regions in FY05 and FY06 to recover unexpended USCOE funds. Memo for FY07 covered under unexpended regional resources memo.</p> <p>3) Superfund State Contracts (SSCs) memo sent to Regions in May 2005 and June 2006 for recovery of unused state cost share accounts.</p> <p>4) Special Accounts memo sent to Regions in May 2005 and June 2006 on how to use available monies for response action use.</p>

Activity Number and Title	Summary of Actions and Present Status
<p>[#2.2 Continued]</p>	<p><i>Status</i></p> <p>1) Regional de-obligations returned \$55 million in FY05 and \$40 million in FY06 to the national pool for additional remedial action.</p> <p>2) USACE de-obligations returned \$22 million FY05 and \$9.6 million in FY06 to the Agency for other remedial action.</p> <p>3) States is using monies previously not being used in state cost share accounts.</p> <p>4) Regions used Special Account funds instead of Trust Fund monies in PRP actions.</p>
<p>#2.3 Priority Site Remedy Reviews</p> <p>[Note: Four actions were completed under this single activity.]</p>	<p><i>Actions</i></p> <p>1) Develop dynamic field activities guidance to incorporate Triad principles into Superfund remediation.</p> <p>2) Create Triad web-site to track usage and progress.</p> <p>3) Develop and present Triad training in Regions and at national conferences to support usage.</p> <p>4) Create and maintain Triad Resource Center with site profiles and/or case studies.</p>

Activity Number and Title	Summary of Actions and Present Status
<p>[#2.3 Continued]</p>	<p><i>Status</i></p> <ol style="list-style-type: none"> 1) A Policy memo completed on September 1, 2006. 2) A web-site developed in 2004, which includes new case studies. 3) Over 74 training deliveries have been made to support Triad. 4) Currently, 24 site profiles are contained in the resource center.
<p>#3.1 Priority Site Remedy Reviews</p> <p>[Note: Four actions were completed under this single activity.]</p>	<p><i>Actions</i></p> <ol style="list-style-type: none"> 1) Reviewed decision documents for Vineland Chemical site in NJ in 2005. 2) Internal report completed in 2005 for the Vineland Chemical site in NJ. 3) Reviewed decision documents for Summitville Mine site in CO in 2005. 4) National Remedy Review Board review completed in 2005 for the Summitville Mine site in CO. <p><i>Status</i></p> <ol style="list-style-type: none"> 1) & 2) Detailed review for Vineland site identified cost savings for the soil and ground water portions of the remedy at a minimum of \$75 million from the selected remedy. 3) & 4) Although the detailed review is completed, no cost results for the Summitville Mine site can be made at this time.

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<p>#3.2 National Consistency</p> <p>[Note: Four actions were completed under this single activity.]</p>	<p><i>Actions</i></p> <ol style="list-style-type: none"> 1) An internal report on residential yard cleanups was completed in 2005. 2) Sediment Guidance was completed in 2005. (see www.epa.gov/superfund/resources/sediment/guidance.htm). 3) Sediment Resource Center provided additional assistance was developed in 2005. 4) Final policy on joint repositories at mixed-ownership hardrock mining sites was completed in 2005. <p><i>Status</i></p> <ol style="list-style-type: none"> 1) The report is completed and no further work is planned on residential yard cleanups. 2) Although new sediment guidance is completed, implementation of the new guidance is an ongoing action. 3) Although sediment resource center is completed, OSRTI is adding sites to the Sediment resource center as an ongoing action. 4) Although the final policy for hardrock mining sites is completed, new guidance will be developed for mining site cleanups and reuse.

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<p>#3.3 Third Party Review of Fund Lead Remedial Design</p> <p>[Note: Three actions were completed under this single activity.]</p>	<p><i>Actions</i></p> <p>1) A pilot study of Fruit Avenue site in NM was completed in 2004. A design review was conducted by the USACE in 2005 and cost savings were realized from the selected remedy.</p> <p>2) A draft design checklist was completed in 2005.</p> <p>3) A memorandum on value engineering (VE) was issued in April 2006.</p> <p><i>Status</i></p> <p>1) A pilot study at the Fruit Avenue site in NM generated estimated cost savings of \$11 million during design, because several elements of the original remedy were no longer necessary.</p> <p>2) Although completed at Friut Avenue, the design checklist is currently being piloted at the Summitville Mine site in CO.</p> <p>3) After issuance of the VE memo, Headquarters continues to recommend the use of VE during remedial design.</p>

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<p>#3.4 Electronic Data Management of Existing Systems</p> <p>[Note: Six actions were completed under this single activity.]</p>	<p><i>Actions</i></p> <ol style="list-style-type: none"> 1) SDMS Workgroup was developed in 2005. 2) Questionnaire on management of existing systems was completed in 2005. 3) Summary document on managing existing systems was completed in 2005. 4) Information was entered into the Registry of EPA Applications and Databases (READ) system in 2005. 5) Some contracts were modified to require use of Staged Electronic Data Deliverable (SEDD) format and electronic data review software. 6) Issue screening matrix of electronic decision support tools conducted in 2005. <p><i>Status</i></p> <ol style="list-style-type: none"> 1) SDMS workgroup is functional. 2) No follow-up of questionnaire and document needed at this time. 3) All three data management activities of existing systems are completed. 4) All three data management activities entered into READ database. <p style="text-align: right;">(continued)</p>

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[#3.4 Continued]	<p><i>Status (continued)</i></p> <p>5) Some contracts still need to be modified in SEDD format. Contract modification will continue through 2007.</p> <p>6) A matrix and electronic decision support document are posted on the Federal Remediation Technology Roundtable (FRTR) web-site.</p>
#3.5 Sampling and Analysis Support	<p><i>Actions</i></p> <p>1) A memo to encourage use of Triad across Superfund programs was completed.</p> <p>2) A memo to optimize use of FASTAC was completed.</p> <p><i>Status</i></p> <p>1) A memo to promote Triad was completed on September 1, 2006. [In the future, this activity will be tracked as part of #2.3.]</p> <p>2) A memo to optimize use of FASTAC was completed in 2005. No further memos planned for data collection, analysis, and assessment strategies. FASTAC memo will be implemented during 2007.</p>

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#3.6 Prepayment of Oversight and Special Accounts	<p><i>Actions</i></p> <p>A memo and web-site to provide additional guidance were created.</p> <p><i>Status</i></p> <p>A memo titled “Additional Guidance on Prepayment of Oversight Costs and Special Accounts” completed on December 22, 2006.</p> <p>The special account web-site was developed in 2005.</p>
#4.1 Remedy Update Reform	<p><i>Action</i></p> <p>A memo to Regions that re-emphasizes the need to conduct remedy updates completed in August 2005.</p> <p><i>Status</i></p> <p>In 2005, remedy updates generated reduced estimated cost savings in excess of \$100 million (for additional details on the remedy update reform, see EPA’s reform web-site: http://www.epa.gov/superfund/programs/reforms/remedy/index.htm).</p> <p>Remedy updates will continue to be tracked annually and a summary report will be prepared every two years.</p>

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#4.2 National Remedy Review Board (NRRB) Criteria	<p><i>Action</i></p> <p>A memo to Regions announcing the new criteria and lower threshold dollar amount to trigger Board review, completed in March 2005.</p> <p><i>Status</i></p> <p>NRRB has performed 8 site reviews since the lower thresholds were established.</p>
#4.3 Groundwater Remedy Performance	<p><i>Action</i></p> <p>Additional site reviews optimizing pump and treat (P&T) systems were completed in 2005 as well as an annual report on the progress of optimization activities.</p> <p><i>Status</i></p> <p>Additional site reviews will be conducted during 2007.</p>
#4.4 Contaminated Sediments Technical Advisory Group (CSTAG)	<p><i>Action</i></p> <p>A memo to Regions updating the type of sediment sites that need CSTAG review was completed in 2005.</p> <p><i>Status</i></p> <p>Additional site reviews using the new criteria will be conducted during 2007.</p>

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#5.1c Cost Estimating	<p><i>Action</i></p> <p>A memo was prepared to provide assistance with preparing and evaluating cost estimates.</p> <p><i>Status</i></p> <p>A memo was issued in June 2004. No further work planned.</p>
#5.2 Compile and Distribute Cost and Performance Information	<p><i>Action</i></p> <p>38 new case studies were added to the Federal Remediation Technology Roundtable (FRTR) inventory in 2006.</p> <p><i>Status</i></p> <p>More case studies will be added on an annual basis.</p>
#5.3 Mining Site Treatment	<p><i>Action</i></p> <p>A pilot in-situ mining treatment technology was conducted in 2005.</p> <p><i>Status</i></p> <p>A document titled “Management and Treatment of Water from Hard Rock Mines” was published in October 2006. Document available on EPA’s Office of Research and Development’s (ORD’s) web-site.</p>